

# GLOSSWOOD®

## COMPREHENSIVE GUIDE TO INSTALLATION, MAINTENANCE & CLEANING

Carefully read this Guide prior to installing Glosswood Prefinished Timber Lining Boards.

Building Codes of Practice must always be strictly observed for undercover external timber installations. There is no warranty or guarantee offered for damage to Glosswood caused by water or moisture, including damage caused due to an incorrect installation procedure of a Glosswood Product, except as required by law. Guarantees may not apply if these guidelines are not followed

### INSTALLATION GUIDE

#### 1 INSPECTION OF EACH BOARD IS REQUIRED BEFORE INSTALL

Inspect the product on delivery and notify Glosswood within 7 days of any defect/damage, shortage in quantity or failure to comply with the description or quote. Damage can occur after despatch and in transport. Ensure that the packs received are the correct colour and finish that were ordered. Notify Glosswood as soon as reasonably possible if any other defect becomes evident; Glosswood must be able to have access to inspect the product. Timber is a natural product, so colour, shade, tone, texture, markings and grain may vary between boards and from samples provided. Visual inspection is necessary prior to installation to ensure you are satisfied with your purchase as there is no responsibility accepted by Glosswood once the product is installed.

#### 2 ACCLIMATISE THE BOARDS

Condition boards to room temperature and humidity by removing boards from packaging and stacking 150mm off floor on bearers not more than 450mm apart. Glosswood recommend a period of 2-3 days. Expose all surfaces to the installation environment. NOTE: Acclimatising should not be undertaken during very wet or very dry periods of weather.

#### 3 USE CORRECT TOOLS & SAFETY PROCEDURES

Required tools: Set square, tape measure, spirit level, string line, fine-tooth drop saw, electric drill, brad gun, hand plane, hammer, nail punch, brads or panel pins (25-35mm-long wire nail), adhesive (Bostik HP or Ultra Set), caulking gun, sealer (See Step 6), battens. Health & Safety: Wear a dust mask, glasses and ear protection when using power tools and sawing. Persons attempting installation should have some natural aptitude or training. Methods described in this guide are not necessarily the only satisfactory procedures.

#### 4 PREPARE THE SURFACE

Boards can be fixed to a flat, straight surface such as rafters, joists, trusses, wall framing (stud walls) or battens attached to masonry walls (battens must be spaced 450mm apart). For existing walls and ceilings, Glosswood also recommends installing battens.

#### 5 PREPARE THE BOARDS

Glosswood supply the 3600mm boards over-length to allow for trimming of both ends when butt-joining. Each board must be freshly end-docked, which removes excess coating and machine marks on all board ends, face-cut on a clean 90-degree angle. Glosswood also recommends under-cutting the butt-joint ends on a 3° degree angle, then resealing for a perfect closed finish between the butt-joints. To achieve a clean cut on a finished surface, use a multi-tooth blade and cut with the face of the board finished side up.

#### 6 END-SEAL THE MATTE BOARDS

It's mandatory every end-joint or fresh cut is resealed. Board ends need to be completely sealed to prevent moisture ingress. Glosswood supply a 250ml tin of penetrating oil in the same Matte colour as the boards at time of purchase or on request at no extra cost. Do not over-coat the face as it will alter appearance.

#### 7 USE POLYURETHANE ADHESIVE & WEAR GLOVES

Glosswood recommends using Bostik HP or Ultra Set. If using a similar adhesive product, refer to the manufacturers directions for use. One 600mm tube will cover 8-10sqm of battens. Ensure any excess oil from rear of Matte boards is wiped off. The adhesive acts as a primary fixing of the board to the ceiling/wall. Glosswood suggests using enough glue so it oozes out when the board is put in place. Wear disposable gloves during installation to prevent glue, dirt and colour transfer. If hand and finger marks occur, refer to Maintenance & Care.

#### 8 SECRET-NAIL THE BOARDS

Secret-nail the board through the tongue (nails are hidden by the groove of the next board) using a Brad gun and 25-35mm-long wire nails (also called brads). This will assist in clamping the board into position while the adhesive cures. Commence with the tongue facing outwards and nail at a 45° angle through the board near the base of the tongue (Refer to installation drawing). DO NOT face-nail the Glosswood boards

#### 9 OFF-SET THE BOARDS AND LEAVE EXPANSION GAPS

Offset or stagger the boards to avoid board joints lining up in a row. Glosswood lining boards consist of two boards joined to provide the 3600mm set length. The minor lamination join appears approximately in the middle of the board and installers should stagger this line where possible. Check progressively with a spirit level to ensure a straight, level finish. Leave expansion gaps for natural timber expansion between the tongue and groove at approx. 2mm in thickness. Expansion varies depending on climate and application, but Glosswood recommends a minimum of every three to five boards. Expansion gaps are good practice for internal installation and essential for exterior applications (especially in moist and high-humidity locations, ie Queensland).

#### 10 FIXING THE TRIM

Glosswood offers quad or coverstrip trims in the matching colour of the timber lining board. Glue or nail trims into place to cover the space expansion gaps left between wall and ceiling.

### BOARD COVERAGE

When calculating quantities please keep in mind that a few millimetres are lost in the tongue-and-groove between boards. Refer to Board Coverage in the table below:

BOARD WIDTH	BOARD COVERAGE
Lining Board: 90mm	86mm
Lining Board: 130mm	125mm
Designer Lining (single profile): 91mm	81mm
Designer Lining (double profile): 91mm	81mm
Form Series (Wave): 91mm	81mm
Form Series (Concave): 91mm	81mm
Form Series (Round) 135mm	130mm

All care has been taken in preparing instructions, however no responsibility for loss or accident, howsoever caused, is accepted.

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### MAINTENANCE & CARE

#### CLEANING THE MATTE BOARDS

Clean the Matte lining boards on a regular basis to rid of dust, cobwebs and sea salt residue. Glosswood recommends a soft bristle brush or lint-free cloth. The accumulation of dirt and salt can dull the surface, as well as store moisture and result in coating damage. The underside of the ceiling can be heated with an outdoor gas heater to remove the appearance of salt residue. DO NOT use water or a solvent-based cleaner because it may change the appearance of the boards.

#### PERFORM REGULAR CHECKS

Inspect regularly for any potential change in appearance as this could indicate water and moisture damage. If you notice any stains, colour changes and mould, take immediate precautions to protect against ongoing damage. If you observe any moisture on your lining boards, take immediate action to stop ongoing exposure as damage will most likely occur after prolonged moisture exposure.

#### MOULD ISSUES

Biocides are added to all our coatings to assist in combating mould growth. However, surface mould may appear if moisture and air-borne mould spores are present at your location. Moisture, dirt, dust, fly specks, insects and biofilms (caused by outdoor barbecues) provide nutrients that assist mould spores to attach and multiply. Avoid this with regular maintenance and cleaning. DO NOT use high-pressure spray units. Semi-tropical or mountainous locations with excessive rain and 60%+ humidity are more prone to mould and fungus, so be particularly vigilant in these regions. If you have a mould issue, research online for non-solvent and non-abrasive cleaning methods for your region.

### REQUIRED READING

#### MOISTURE CONTENT

Timber panelling is usually supplied at an average moisture content of 11-13%. This moisture content suits coastal areas (i.e. Queensland) where the average moisture content of internal timbers is about 12%. Where conditions are drier (i.e. inland Queensland or air-conditioned buildings), the average moisture content is 8-12% which is why acclimatising the boards is important prior to installation.

#### MOISTURE EXPOSURE

Glosswood Matte timber lining boards are sealed on all four sides with a Matte coating. This superior coating helps to ensure greater stability of the Glosswood product, but is not to be considered moisture-proofing. When installing in a ceiling discuss with your builder or installer the use of a waterproof membrane between the ceiling and your roof, especially if it is a metal roof (which can be prone to condensation in the roof cavity). Waterproof membrane insulation also assists in avoiding water damage caused by roof and tile problems. Do not install where water or moisture exposure may occur or could be considered a problem, including pool and spa locations. Discuss application with a qualified builder or similarly qualified person. NOTE: Glosswood is not responsible for installer's advice.

#### PREVAILING WEATHER

If designing a new outdoor area, consider 'pitched roof end infills', 'barge boards', 'external walls' and/or 'protective curtains' to protect the boards from prevailing weather. If retro-fitting, ensure the boards are installed in a protected, undercover outdoor space. When installing in these applications, always face the groove away from the direction of weather (ie groove faces the house wall).

#### CODES OF PRACTICE

There is no warranty or guarantee offered for damage caused by water or moisture exposure or due to lack of regular cleaning, including damage caused by incorrect installation except as required by law. The use of chemicals or high-pressure sprayers are not to be used in the cleaning process. Customers must comply with these guidelines when installing and using Glosswood, and carry out cleaning on a regular basis.

Advice is of a general nature and does not take into account individual circumstances. Check for updated install information at [www.glosswood.com.au](http://www.glosswood.com.au). For queries or clarification, email [info@glosswood.com.au](mailto:info@glosswood.com.au) or call 1300 882 064.

All care has been taken in preparing instructions, however no responsibility for loss or accident, howsoever caused, is accepted.